|   | Index of Claims |          |                |                 |               |          |            |     |                  |           |                 |          |          | Application No. |                   |          |              |              |                     |          |            |           |  | Applicant(s)  |            |                 |               |               |         |          |                 |          |           |   |  |
|---|-----------------|----------|----------------|-----------------|---------------|----------|------------|-----|------------------|-----------|-----------------|----------|----------|-----------------|-------------------|----------|--------------|--------------|---------------------|----------|------------|-----------|--|---------------|------------|-----------------|---------------|---------------|---------|----------|-----------------|----------|-----------|---|--|
|   |                 | 1 18818  | <i>   </i><br> |                 |               | <i>O</i> | <i>T</i> ( | ,16 | <i>         </i> | 15<br>    |                 | 11       |          |                 |                   |          | 10/626,119   |              |                     |          |            |           |  |               |            |                 |               | BOLL AV ET AL |         |          |                 |          |           |   |  |
|   |                 |          |                |                 | Ш             |          |            |     |                  |           |                 |          |          |                 |                   | ŀ        | Examiner     |              |                     |          |            |           |  |               |            |                 | BOULAY ET AL. |               |         |          |                 |          |           |   |  |
|   |                 |          |                |                 |               |          |            |     |                  |           |                 |          |          |                 |                   |          |              |              |                     |          |            |           |  |               | Artonic    |                 |               |               |         |          |                 |          |           |   |  |
|   |                 |          |                |                 |               |          |            |     |                  |           |                 | I        |          |                 |                   | 1        | Julie Lieu   |              |                     |          |            |           |  |               |            |                 | 2636          |               |         |          |                 |          |           |   |  |
|   |                 |          |                |                 |               |          |            |     |                  |           |                 |          |          |                 |                   | _        |              |              |                     |          |            |           |  |               |            |                 |               |               |         |          |                 |          |           |   |  |
|   | / Bainetad      |          |                |                 |               |          |            |     |                  |           | (Through numera |          |          |                 |                   |          | al)          |              |                     | Non-Elec |            |           | tod.   |               |            | Annoal          |               |               |         |          |                 |          |           |   |  |
|   | √ Rejected      |          |                |                 |               |          |            |     |                  | Cancelled |                 |          |          |                 |                   | -        |              |              |                     | M        | JII-       | Elec      | leu  |               | A          |                 | Appeal        |               |         |          |                 |          |           |   |  |
|   |                 |          |                |                 |               |          |            |     |                  |           | Restricted      |          |          |                 |                   |          |              |              |                     | $\Box$   | Interferen |           |  |               |            |                 | Objected      |               |         |          |                 |          |           |   |  |
|   | = Allowed       |          |                |                 |               |          |            |     |                  | ÷         | Nestricted      |          |          |                 |                   |          |              |              |                     | 1        | ın         | ter       | terer  | ice           |            | 0               | Objected      |               |         |          |                 |          |           |   |  |
|   |                 |          | _              |                 |               |          |            |     |                  |           |                 |          |          |                 |                   |          |              |              |                     |          |            |           |  |               |            | _               |               |               |         |          |                 |          |           |   |  |
|   | Claim           |          |                | Date            |               |          |            | -   |                  |           | Claim           |          | _        | Da              |                   |          | <u> </u>     | _            | <del></del>         |          |            | aim       | <del>                                     </del> | Da<br>T T T T |            |                 | ate           |               |         | -        |                 |          |           |   |  |
|   | <u>la</u>       | Original | 12/10/04       | 8/26/05         |               |          |            |     |                  |           |                 | -        | 5        | Original        |                   |          |              |              |                     |          |            |           |  | <u></u>       | Original   |                 |               |               |         |          |                 |          |           |   |  |
|   | Final           | Orig     | 12/1           | 8/26            |               |          |            |     |                  |           |                 | i<br>I   | -        | S.              |                   |          |              |              |                     | ŀ        |            |           |  | Final         | Orig       |                 |               |               |         |          |                 |          |           |   |  |
|   |                 |          |                | 7               | 1             | 4        | _          |     | $\dashv$         | -         | 4               | _        | _        | 1.              | -+                | $\dashv$ | +            | 4            | $\dashv$            | $\dashv$ | $\dashv$   | 4         | _  |               | 101        | $\sqcup$        |               | +-            | —       | -        | -               | _        | 4         |   |  |
| ŀ |                 | 2        | > -            | <del>`</del>    |               | $\dashv$ | -          |     | $\dashv$         | +         | $\dashv$        | -        | +        | 51<br>52        | $\dashv$          | +        | +            | +            | +                   | $\dashv$ | $\dashv$   | +         |  | <b></b>       | 102        | $\vdash$        | +             | +             | ┿       | $\vdash$ | Н               | $\dashv$ | $\dashv$  |   |  |
| l |                 | 3        |                | H               |               |          |            |     | $\exists$        | 寸         |                 |          | 十        | 53              | $\top$            | †        | $\dagger$    | T            | T                   | T        | $\dashv$   | 1         | <b>-</b>   | <u> </u>      | 103        |                 | $\dashv$      | +             | +       | 1        | H               | $\top$   | ┪         |   |  |
| [ |                 | 4        | $\perp$        | Ш               |               |          |            |     |                  |           | $\Box$          |          |          | 54              |                   | $\perp$  |              | $\Box$       |                     |          |            | $\bot$    |  |               | 104        |                 | $\Box$        |               |         |          |                 |          |           |   |  |
|   |                 | <u>5</u> | $\mathbb{H}$   | Ш               |               | 4        | -          |     | -                | -         | _               | $\vdash$ | $\dashv$ | 55<br>56        |                   | $\dashv$ | +            | +            | 4                   | -        | +          | +         | $\dashv$   | -             | 105<br>106 | -               | +             | +-            | +-      | ├-       | $\sqcup$        | _        | -         |   |  |
|   |                 | 7        | +              | Н               | $\overline{}$ | $\dashv$ | $\dashv$   |     | $\dashv$         | $\dashv$  | -               | $\vdash$ | +        | 57              | $\dashv$          | +        | +            | $\dashv$     | -                   | $\dashv$ | +          | +         | $\dashv$   |               | 107        | $\vdash$        | +             | +             | +       | ╁        | $\vdash$        | $\dashv$ | $\dashv$  |   |  |
|   |                 | 8        | V              | ٧               |               |          |            |     |                  |           |                 |          | $\dashv$ | 58              | 土                 | $\perp$  | I            |              |                     |          |            |           |  |               | 108        |                 |               |               |         |          |                 |          |           |   |  |
|   |                 | 9        |                | $\Box$          | _             | _        | _          |     | _                | _         |                 | <u> </u> |          | 59              | _                 | 4        | _            |              | _                   |          | $\perp$    | 4         | _  |               | 109        |                 | _             | $\perp$       | 1       |          | Ш               |          | _         |   |  |
| ŀ |                 | 10<br>11 | -              |                 | $\dashv$      | -        |            |     | -                | $\dashv$  |                 | $\vdash$ |          | 60<br>61        | $\dashv$          | +        | +            | -+           | -                   | -        |            | +         |  |               | 110<br>111 | $\vdash$        | +             | +             | +       | ╁        | $\vdash$        | _        | -         |   |  |
| ŀ |                 | 12       |                | Н               |               | $\dashv$ | $\exists$  |     | -                | 寸         |                 | $\vdash$ |          | 62              | <u></u>           | +        | +            | T            | ┪                   | $\dashv$ | +          | $\dagger$ |  |               | 112        | H               | $\dashv$      | +             | +       | $\vdash$ | Н               | $\dashv$ | 1         |   |  |
|   |                 | 13       |                |                 |               |          |            |     |                  | 1         |                 |          |          | 63              |                   |          |              |              |                     |          |            |           |  |               | 113        | П               |               |               |         |          | Ш               |          |           |   |  |
|   |                 | 14<br>15 |                | $\vdash$        | $\dashv$      | 4        | $\dashv$   |     | -                | -         | -               | -        | 4        | 64<br>65        | -                 | $\dashv$ | +            | +            | 4                   | $\dashv$ | $\dashv$   | +         | _  | ļ             | 114<br>115 | $\vdash$        |               | +             | +       | -        | Ш               | _        | 4         |   |  |
| ŀ |                 | 16       |                | $\dashv$        | $\dashv$      | -        | -          |     |                  | $\dashv$  | $\dashv$        | -        |          | 66              | -+                | +        | -            | $\dashv$     | +                   | -        | $\dashv$   | $\dashv$  |  |               | 116        | Н               | +             | +             | +-      | ╁        | H               | $\dashv$ | -         |   |  |
| l |                 | 17       |                |                 |               |          |            |     |                  |           |                 |          | 丁        | 67              | $\exists \dagger$ | $\top$   | $\top$       | $\exists$    | T                   |          | $\top$     | T         |  |               | 117        |                 |               |               | $\top$  | 1        | $\Box$          | $\dashv$ | $\exists$ |   |  |
|   |                 | 18       |                |                 |               |          |            |     |                  | $\perp$   |                 |          |          | 68              | 4                 | $\perp$  |              |              |                     |          |            |           |  |               | 118        |                 |               | 1             |         | ļ.,      |                 |          |           | · |  |
| - |                 | 19<br>20 | _              | $\vdash$        | $\dashv$      | -        | $\dashv$   |     |                  | -+        | -               | $\vdash$ |          | 69<br>70        | -+                | +        | +            | +            | +                   | -        | -          | +         |  | <u> </u>      | 119<br>120 |                 | +             | +             | +       | ╁        | $\vdash$        | $\dashv$ | 4         |   |  |
| ŀ |                 | 21       |                |                 |               | ╡        | $\dashv$   |     |                  | 1         | 1               |          |          | 71              |                   | $\dashv$ | Ť            | T            | +                   | $\dashv$ | 1          | -         |  |               | 121        | $\Box$          | 十             | +             | +       | $\vdash$ | Н               | $\dashv$ | $\dashv$  |   |  |
|   |                 | 22       |                |                 |               |          |            |     |                  |           |                 |          | $\perp$  | 72              |                   | $\Box$   |              | $\Box$       |                     |          |            |           |  |               | 122        |                 |               |               |         |          |                 |          |           |   |  |
| - |                 | 23<br>24 |                |                 | $\dashv$      |          | _          |     | $\dashv$         | +         | 4               | $\vdash$ | 4        | 73<br>74        |                   | -        | -            | +            | 4                   | 4        | $\dashv$   | +         | _  |               | 123<br>124 | $\vdash$        | -             | +-            | +       | $\vdash$ | $\sqcup$        | +        | 4         |   |  |
| ŀ |                 | 25       |                |                 | $\dashv$      |          | $\dashv$   |     | 1                | +         | $\dashv$        | -        | +        | 75              |                   | +        |              | +            | $\dashv$            | $\dashv$ | $\dashv$   | +         | _  |               | 125        | $\vdash$        | -             | +             | ╁       | ╁╌       | $\vdash$        | $\dashv$ | $\dashv$  |   |  |
|   |                 | 26       |                |                 |               |          |            |     |                  |           |                 |          |          | 76              |                   |          |              |              |                     |          |            |           |  |               | 126        |                 |               |               |         |          |                 |          |           |   |  |
|   |                 | 27       |                | <b>.</b>        |               | -        | -          |     | _                | _         | 4               | -        |          | 77              |                   | +        |              | 4            | $\dashv$            | _        | _          | 4         |  | ļ             | 127        | Ш               | _             | $\bot$        | ╄       | _        | Ш               | _        | 4         |   |  |
| ŀ |                 | 28<br>29 |                | -               |               |          | $\dashv$   | -   | -                | +         | $\dashv$        | $\vdash$ |          | 78<br>79        |                   | $\dashv$ | +            | ╅            | $\dashv$            | +        |            | +         |  |               | 128<br>129 | $\vdash$        | +             | ╁             | ┿       | ╁        | Н               | +        | $\dashv$  |   |  |
|   |                 | 30       |                |                 |               |          |            | _   |                  |           |                 |          | $\neg$   | 80              |                   |          |              | T            |                     |          |            | T         |  |               | 130        |                 |               |               |         |          | П               |          |           |   |  |
|   |                 | 31       |                |                 |               |          |            |     | _                | _         |                 |          |          | 81              | _                 |          |              | $\downarrow$ | $\perp$             |          | _          | 4         | _  |               | 131        |                 | _             |               | _       |          |                 | $\perp$  | 4         |   |  |
| ŀ |                 | 32<br>33 | Н              | $\vdash$        | $\dashv$      |          | $\dashv$   |     |                  | +         | $\dashv$        | $\vdash$ |          | 82<br>83        | +                 | +        | +            | +            | $\dashv$            | $\dashv$ | +          | +         | $\dashv$   | $\vdash$      | 132        | Н               | +             | +-            | +       | +-       | $\vdash$        |          | 4         |   |  |
| ŀ |                 | 34       |                | $\vdash$        | $\dashv$      |          |            |     | $\dashv$         | $\dashv$  | ╛               | $\vdash$ |          | 84              | $\dashv$          | +        | +            | 1            | $\dashv$            | 7        | +          | $\dagger$ | $\dashv$   |               | 134        | Н               | +-            | +             | +       | $\vdash$ | $\Box$          | $\dashv$ | $\dashv$  |   |  |
|   |                 | 35       |                |                 |               |          |            |     |                  |           |                 |          |          | 85              | $\Box$            | $\Box$   |              | $\perp$      | $\Box$              |          | $\Box$     | 1         |  |               | 135        |                 |               |               |         |          |                 |          |           |   |  |
|   |                 | 36<br>37 |                | -1              |               |          | _          |     |                  | $\dashv$  |                 | -        |          | 86<br>87        | -+-               | +        | +            | $\dashv$     | -                   | -        | -          | $\dashv$  |  |               | 136<br>137 | $\vdash$        | +             | +             | +       | ▙        | $\vdash \vdash$ | $\dashv$ | 4         |   |  |
| ŀ |                 | 38       |                | $\vdash$        |               |          |            |     |                  | $\dashv$  |                 | -        |          | 88              |                   | $\dashv$ | +            | ╁            | $\dashv$            | -        | $\dashv$   | $\dashv$  | $\dashv$   | <b> </b>      | 138        | $\vdash$        | +             | ╅╴            | +       | $\vdash$ | H               | +        | $\dashv$  |   |  |
|   |                 | 39       |                |                 |               |          |            |     |                  | ╛         |                 |          |          | 89              | ╛                 | 丁        | 士            | 士            |                     |          | 丁          | 士         | ゴ  |               | 139        |                 |               | I             | $\perp$ | Ľ        | 口               |          | $\exists$ |   |  |
|   |                 | 40       |                | Д               | Щ             |          |            |     | $\Box$           | Ţ         | $\exists$       |          |          | 90              | $\bot$            | Ţ        | $\bot$       | Ţ            | $\Box$              | $\Box$   | 4          | $\bot$    | $\exists$  |               | 140        |                 |               | F             | F       | $\Box$   | $\Box$          | $\Box$   | $\Box$    |   |  |
|   |                 | 41       | $\vdash$       | $\vdash \dashv$ | $\vdash$      |          | _          |     |                  | $\dashv$  | $\dashv$        | $\vdash$ | $\dashv$ | 91<br>92        | $\dashv$          | $\dashv$ | +            | +            | -+                  | $\dashv$ | $\dashv$   | +         | $\dashv$   | -             | 141<br>142 | $\vdash \vdash$ | +             | +             | +       | +        | $\square$       | +        | $\dashv$  |   |  |
|   |                 | 43       | $\vdash$       | $\dashv$        | $\dashv$      |          | _          |     |                  | $\dashv$  | $\dashv$        | $\vdash$ | $\dashv$ | 93              | +                 | $\dashv$ | +            | $\dashv$     | $\dashv$            | $\dashv$ | $\dashv$   | +         | $\dashv$   | ļ             | 143        | +-              | $\dashv$      | +             | +       | +        | H               | +        | $\dashv$  |   |  |
|   |                 | 44       |                |                 | $\Box$        |          |            |     |                  | $\Box$    |                 |          | $\Box$   | 94              |                   | $\Box$   | $\downarrow$ | $\Box$       | $\rightrightarrows$ |          | $\Box$     |           |  |               | 144        | $\Box$          | $\Box$        | I             | $\perp$ |          | П               |          |           |   |  |
|   |                 | 45<br>46 | $\vdash$       | $\vdash$        | $\dashv$      | _        |            |     |                  | $\dashv$  | $\dashv$        | $\vdash$ | +        | 95<br>96        | +                 | +        | +            | 4            | $\dashv$            |          | +          | 4         | -  |               | 145<br>146 | $\vdash \vdash$ | +             | +             | +       | -        | $\vdash \vdash$ | $\dashv$ | 4         |   |  |
|   |                 | 47       | -              | $\vdash$        | $\dashv$      | $\dashv$ |            |     | _                | $\dashv$  | $\dashv$        | $\vdash$ | +        | 97              | +                 | +        | +            | $\dashv$     | $\dashv$            | $\dashv$ | $\dashv$   | +         | $\dashv$   |               | 147        | $\vdash \vdash$ | $\dashv$      | +             | +       | +        | $\vdash$        | +        | $\dashv$  |   |  |
|   |                 | 48       |                |                 |               |          |            |     |                  | ╛         |                 |          |          | 98              |                   | $\Box$   |              |              |                     |          |            | I         |  |               | 148        |                 |               |               | T       |          |                 |          |           |   |  |